

REMARKS

Claims 1-3 and 11 are cancelled without prejudice. Claims 4, 5, 7-10, and 12 are presently pending and stand rejected.

Claim 4 is amended to recite, among other limitations, "a memory select circuit receiving requests from the central processing unit and graphics processing unit, selecting one of the dual memory controllers and one of the first arbiter or second arbiter, and providing the request to the selected one of the dual memory controllers and the selected one of the first arbiter or second arbiter".

Claim 4 was rejected under 35 U.S.C. 103(a) as obvious from the combination of Ben-Yoseph, Robinett, and Ottinger. Ben-Yoseph teaches a "RAMBUS control 154" and "I/O ports 156". In Ottinger, Figure 1, it can be seen that each of the processors are directly connected to memory controller 24A. Any path to memory controller 24B must proceed via memory controller 24A. However, Ottinger does not teach "a memory select circuit receiving requests from the central processing unit and graphics processing unit, selecting one of the dual memory controllers and one of the first arbiter or second arbiter, and providing the request to the selected one of the dual memory controllers and the selected one of the first arbiter or second arbiter". Since Ben-Yoseph does not even teach a first and second arbiter, and it does not appear as though Robinett was not even relied on to teach dual controllers/arbiters, it follows that the combination of Ben-Yoseph, Robinett, and Ottinger do not teach the foregoing limitation.

Accordingly, Assignee respectfully requests that Examiner withdraw the rejection to claim 4, and its dependent claims.

CONCLUSION

For at least the foregoing reasons, Assignee submits that each of the pending claims are now in a condition for allowance. Accordingly, Examiner is requested to pass this case to issuance.

It is believed that all monies for the actions described herein are provided with this correspondence. To the extent that additional monies are required for any of the actions requested in the correspondence, Commissioner is authorized to charge such fees and credit any overpayments to deposit account 13-0017.

Respectfully Submitted



Mirut Dalal
Attorney for Assignee
Reg. No. 44,052

Date: July 1, 2010

McAndrews, Held & Malloy, Ltd.
500 West Madison - Suite 3400
Chicago, IL 60661

Phone (312) 775-8000
FAX (312) 775-8100